

1. In a multi-reference switching amplifier of the type wherein switching
2 devices control power supplied to a load in response to an input data stream having a
sign, a simplified output topology, comprising:
4 a plurality of effective references; and
circuitry for summing the references at the load through linear and switched
6 control of the switching devices.
2. The simplified output topology of claim 1, wherein the effective references
2 are independently-modulated.
3. The simplified output topology of claim 1, further including:
2 a data separator operative to separate the input data stream into course- and fine-
resolution data;
4 circuitry for modulating a first one of the effective references on one side of the
load as a function of the coarse-resolution data; and
6 circuitry for modulating a second one of the effective references on the other side
of the load as a function of the fine-resolution data under control of the sign of the data.
4. The simplified output topology of claim 3, wherein the first one of the
2 effective references is supply rail.
5. The simplified output topology of claim 3, wherein the second one of the
2 effective references is a voltage divider.